

Yan Shi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

8,750
citations

40
h-index

93
g-index

121
ext. papers

10,293
ext. citations

11.2
avg, IF

5.66
L-index

#	Paper	IF	Citations
115	Integrated genomic characterization of papillary thyroid carcinoma. <i>Cell</i> , 2014 , 159, 676-90	56.2	1660
114	Molecular identification of a danger signal that alerts the immune system to dying cells. <i>Nature</i> , 2003 , 425, 516-21	50.4	1332
113	Comprehensive Molecular Characterization of Papillary Renal-Cell Carcinoma. <i>New England Journal of Medicine</i> , 2016 , 374, 135-45	59.2	753
112	MyD88-dependent IL-1 receptor signaling is essential for gouty inflammation stimulated by monosodium urate crystals. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2262-71	15.9	338
111	Alum interaction with dendritic cell membrane lipids is essential for its adjuvanticity. <i>Nature Medicine</i> , 2011 , 17, 479-87	50.5	292
110	Calcium oxalate crystals induce renal inflammation by NLRP3-mediated IL-1 β secretion. <i>Journal of Clinical Investigation</i> , 2013 , 123, 236-46	15.9	287
109	Receptor-independent, direct membrane binding leads to cell-surface lipid sorting and Syk kinase activation in dendritic cells. <i>Immunity</i> , 2008 , 29, 807-18	32.3	220
108	Epidermal photonic devices for quantitative imaging of temperature and thermal transport characteristics of the skin. <i>Nature Communications</i> , 2014 , 5, 4938	17.4	185
107	Inflammasome-mediated regulation of hepatic stellate cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G1248-57	5.1	166
106	Epidermal devices for noninvasive, precise, and continuous mapping of macrovascular and microvascular blood flow. <i>Science Advances</i> , 2015 , 1, e1500701	14.3	145
105	The role of uric acid as an endogenous danger signal in immunity and inflammation. <i>Current Rheumatology Reports</i> , 2011 , 13, 160-6	4.9	140
104	Using ecosystem service bundles to detect trade-offs and synergies across urban/rural complexes. <i>Landscape and Urban Planning</i> , 2015 , 136, 110-121	7.7	119
103	Natural endogenous adjuvants. <i>Seminars in Immunopathology</i> , 2005 , 26, 231-46		118
102	Tumour CD274 (PD-L1) expression and T cells in colorectal cancer. <i>Gut</i> , 2017 , 66, 1463-1473	19.2	115
101	Inflammatory Flt3l is essential to mobilize dendritic cells and for T cell responses during Plasmodium infection. <i>Nature Medicine</i> , 2013 , 19, 730-8	50.5	112
100	Adenosine deamination sustains dendritic cell activation in inflammation. <i>Journal of Immunology</i> , 2007 , 179, 1884-92	5.3	104
99	Monosodium urate crystals in inflammation and immunity. <i>Immunological Reviews</i> , 2010 , 233, 203-17	11.3	103

98	miR-301a promotes intestinal mucosal inflammation through induction of IL-17A and TNF- α in IBD. <i>Gut</i> , 2016 , 65, 1938-1950	19.2	98
97	Cell death releases endogenous adjuvants that selectively enhance immune surveillance of particulate antigens. <i>European Journal of Immunology</i> , 2002 , 32, 155-62	6.1	96
96	Generation of naive induced pluripotent stem cells from rhesus monkey fibroblasts. <i>Cell Stem Cell</i> , 2014 , 15, 488-497	18	83
95	Mechanotransduction-modulated fibrotic microniches reveal the contribution of angiogenesis in liver fibrosis. <i>Nature Materials</i> , 2017 , 16, 1252-1261	27	78
94	Inflammasome components Asc and caspase-1 mediate biomaterial-induced inflammation and foreign body response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20095-100	11.5	76
93	Chitosan nanoparticle-mediated delivery of miRNA-34a decreases prostate tumor growth in the bone and its expression induces non-canonical autophagy. <i>Oncotarget</i> , 2015 , 6, 29161-77	3.3	75
92	Optics and Nonlinear Buckling Mechanics in Large-Area, Highly Stretchable Arrays of Plasmonic Nanostructures. <i>ACS Nano</i> , 2015 , 9, 5968-75	16.7	73
91	The Mevalonate Pathway Is a Druggable Target for Vaccine Adjuvant Discovery. <i>Cell</i> , 2018 , 175, 1059-1078.e2173	38.2	73
90	Peripheral Lymphoid Volume Expansion and Maintenance Are Controlled by Gut Microbiota via RALDH+ Dendritic Cells. <i>Immunity</i> , 2016 , 44, 330-42	32.3	72
89	Activation of NLRP3 inflammasome by crystalline structures via cell surface contact. <i>Scientific Reports</i> , 2014 , 4, 7281	4.9	72
88	Cutting edge: elimination of an endogenous adjuvant reduces the activation of CD8 T lymphocytes to transplanted cells and in an autoimmune diabetes model. <i>Journal of Immunology</i> , 2006 , 176, 3905-8	5.3	70
87	A Structural Change in Butyrophilin upon Phosphoantigen Binding Underlies Phosphoantigen-Mediated V β V α T Cell Activation. <i>Immunity</i> , 2019 , 50, 1043-1053.e5	32.3	61
86	Integrin-induced PIP5K1C kinase polarization regulates neutrophil polarization, directionality, and in vivo infiltration. <i>Immunity</i> , 2010 , 33, 340-50	32.3	52
85	Sorption and retention of diclofenac on zeolite in the presence of cationic surfactant. <i>Journal of Hazardous Materials</i> , 2017 , 323, 584-592	12.8	51
84	Extending surfactant-modified 2:1 clay minerals for the uptake and removal of diclofenac from water. <i>Journal of Hazardous Materials</i> , 2017 , 323, 567-574	12.8	46
83	A role of IgM antibodies in monosodium urate crystal formation and associated adjuvant activity. <i>Journal of Immunology</i> , 2009 , 182, 1912-8	5.3	46
82	<i>Pseudomonas aeruginosa</i> quorum-sensing metabolite induces host immune cell death through cell surface lipid domain dissolution. <i>Nature Microbiology</i> , 2019 , 4, 97-111	26.6	46
81	MicroRNA MIR21 (miR-21) and PTGS2 Expression in Colorectal Cancer and Patient Survival. <i>Clinical Cancer Research</i> , 2016 , 22, 3841-8	12.9	45

80	mTOR ATP-competitive inhibitor INK128 inhibits neuroblastoma growth via blocking mTORC signaling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015 , 20, 50-62	5.4	44
79	Requirement of CHROMOMETHYLASE3 for somatic inheritance of the spontaneous tomato epimutation Colourless non-ripening. <i>Scientific Reports</i> , 2015 , 5, 9192	4.9	44
78	Caught red-handed: uric acid is an agent of inflammation. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1809-11	15.9	44
77	CD8+ T cells are predominantly protective and required for effective steroid therapy in murine models of immune thrombocytopenia. <i>Blood</i> , 2015 , 126, 247-56	2.2	43
76	Diversity index of mucosal resident T lymphocyte repertoire predicts clinical prognosis in gastric cancer. <i>Oncolmmunology</i> , 2015 , 4, e1001230	7.2	41
75	Strong adhesion by regulatory T cells induces dendritic cell cytoskeletal polarization and contact-dependent lethargy. <i>Journal of Experimental Medicine</i> , 2017 , 214, 327-338	16.6	39
74	Alum: an old dog with new tricks. <i>Emerging Microbes and Infections</i> , 2016 , 5, e25	18.9	38
73	Novel ALK inhibitor AZD3463 inhibits neuroblastoma growth by overcoming crizotinib resistance and inducing apoptosis. <i>Scientific Reports</i> , 2016 , 6, 19423	4.9	37
72	More sustainable electricity generation in hot and dry fuel cells with a novel hybrid membrane of Nafion/nano-silica/hydroxyl ionic liquid. <i>Applied Energy</i> , 2016 , 175, 451-458	10.7	37
71	Immunoregulatory functions of immune complexes in vaccine and therapy. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1120-1133	12	36
70	Novel patient-derived xenograft and cell line models for therapeutic testing of pediatric liver cancer. <i>Journal of Hepatology</i> , 2016 , 65, 325-33	13.4	35
69	Materials and Wireless Microfluidic Systems for Electronics Capable of Chemical Dissolution on Demand. <i>Advanced Functional Materials</i> , 2015 , 25, 1338-1343	15.6	34
68	Chiral separation and determination of R/S-methamphetamine and its metabolite R/S-amphetamine in urine using LC-MS/MS. <i>Forensic Science International</i> , 2015 , 246, 72-8	2.6	34
67	Short antimicrobial lipo- PE AA hybrid peptides. <i>ChemBioChem</i> , 2014 , 15, 2275-80	3.8	34
66	Profiling the origin, dynamics, and function of traction force in B cell activation. <i>Science Signaling</i> , 2018 , 11,	8.8	33
65	Substrate stiffness governs the initiation of B cell activation by the concerted signaling of PKC ζ and focal adhesion kinase. <i>ELife</i> , 2017 , 6,	8.9	29
64	Microcatheter-assisted trabeculotomy versus rigid probe trabeculotomy in childhood glaucoma. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1257-62	5.5	28
63	Roles of dopamine receptors and their antagonist thioridazine in hepatoma metastasis. <i>OncoTargets and Therapy</i> , 2015 , 8, 1543-52	4.4	28

62	Redirecting soluble antigen for MHC class I cross-presentation during phagocytosis. <i>European Journal of Immunology</i> , 2015 , 45, 383-95	6.1	27
61	A phosphatidylinositol 4,5-bisphosphate redistribution-based sensing mechanism initiates a phagocytosis programing. <i>Nature Communications</i> , 2018 , 9, 4259	17.4	27
60	An expanding stage for commensal microbes in host immune regulation. <i>Cellular and Molecular Immunology</i> , 2017 , 14, 339-348	15.4	26
59	Genetic distribution of 39 STR loci in 1027 unrelated Han individuals from Northern China. <i>Forensic Science International: Genetics</i> , 2015 , 19, 205-206	4.3	26
58	A Membrane Potential- and Calpain-Dependent Reversal of Caspase-1 Inhibition Regulates Canonical NLRP3 Inflammasome. <i>Cell Reports</i> , 2018 , 24, 2356-2369.e5	10.6	26
57	CDK4-mediated MnSOD activation and mitochondrial homeostasis in radioadaptive protection. <i>Free Radical Biology and Medicine</i> , 2015 , 81, 77-87	7.8	25
56	Acupuncture-Point Stimulation for Postoperative Pain Control: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 657809	2.3	24
55	Numerical simulation of volume-controlled mechanical ventilated respiratory system with 2 different lungs. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017 , 33, e2852	2.6	22
54	Critical Role of Regulatory T Cells in the Latency and Stress-Induced Reactivation of HSV-1. <i>Cell Reports</i> , 2018 , 25, 2379-2389.e3	10.6	21
53	Class II MHC-independent suppressive adhesion of dendritic cells by regulatory T cells in vivo. <i>Journal of Experimental Medicine</i> , 2017 , 214, 319-326	16.6	20
52	A global molecular phylogeny and timescale of evolution for <i>Cryptocercus woodroaches</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016 , 98, 201-9	4.1	19
51	dbSAP: single amino-acid polymorphism database for protein variation detection. <i>Nucleic Acids Research</i> , 2017 , 45, D827-D832	20.1	19
50	High levels of adenosine deaminase on dendritic cells promote autoreactive T cell activation and diabetes in nonobese diabetic mice. <i>Journal of Immunology</i> , 2011 , 186, 6798-806	5.3	19
49	Matrix-transmitted paratensile signaling enables myofibroblast-fibroblast cross talk in fibrosis expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 10832-10838	11.5	17
48	Direct evidence for the semipersistent transmission of Cucurbit chlorotic yellows virus by a whitefly vector. <i>Scientific Reports</i> , 2016 , 6, 36604	4.9	17
47	Pathology-targeted cell delivery via injectable micro-scaffold capsule mediated by endogenous TGase. <i>Biomaterials</i> , 2017 , 126, 1-9	15.6	16
46	Enantiomer Profiling of Methamphetamine in White Crystal and Tablet Forms (Ma Old) Using LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 551-6	2.9	16
45	Depletion of the diabetic gut microbiota resistance enhances stem cells therapy in type 1 diabetes mellitus. <i>Theranostics</i> , 2020 , 10, 6500-6516	12.1	16

44	The mitochondrial genome of booklouse, <i>Liposcelis sculptilis</i> (Psocoptera: Liposcelididae) and the evolutionary timescale of <i>Liposcelis</i> . <i>Scientific Reports</i> , 2016 , 6, 30660	4.9	16
43	Simultaneous quantification of the major bile acids in artificial <i>Calculus bovis</i> by high-performance liquid chromatography with precolumn derivatization and its application in quality control. <i>Journal of Separation Science</i> , 2015 , 38, 2753-62	3.4	15
42	Cross-cultural evidence for the two-facet structure of pride. <i>Journal of Research in Personality</i> , 2015 , 55, 61-74	2.8	14
41	Identification of a Novel Coregulator, SH3YL1, That Interacts With the Androgen Receptor N-Terminus. <i>Molecular Endocrinology</i> , 2015 , 29, 1426-39		14
40	CXXC5 is required for cardiac looping relating to TGF β signaling pathway in zebrafish. <i>International Journal of Cardiology</i> , 2016 , 214, 246-53	3.2	14
39	The Influence of LepR Tyrosine Site Mutations on Mouse Ovary Development and Related Gene Expression Changes. <i>PLoS ONE</i> , 2015 , 10, e0141800	3.7	13
38	Recent developments in immune activation by uric acid crystals. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2010 , 58, 273-7	4	13
37	Quantitative proteomic analysis of cell envelope preparations under iron starvation stress in <i>Aeromonas hydrophila</i> . <i>BMC Microbiology</i> , 2016 , 16, 161	4.5	12
36	Substrate stiffness orchestrates epithelial cellular heterogeneity with controlled proliferative pattern via E-cadherin/ β -catenin mechanotransduction. <i>Acta Biomaterialia</i> , 2016 , 41, 169-80	10.8	12
35	Cholesterol Crystal-Mediated Inflammation Is Driven by Plasma Membrane Destabilization. <i>Frontiers in Immunology</i> , 2018 , 9, 1163	8.4	12
34	To forge a solid immune recognition. <i>Protein and Cell</i> , 2012 , 3, 564-70	7.2	12
33	Combining V β V α T Cells with a Lipophilic Bisphosphonate Efficiently Kills Activated Hepatic Stellate Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 1381	8.4	11
32	Neuropilin-1 (NRP-1) and Magnetic Nanoparticles, a Potential Combination for Diagnosis and Therapy of Gliomas. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5434-49	3.3	11
31	Suppression of established hepatocarcinoma in adjuvant only immunotherapy: alum triggers anti-tumor CD8+ T cell response. <i>Scientific Reports</i> , 2015 , 5, 17695	4.9	9
30	Adenosine mediated desensitization of cAMP signaling enhances T-cell responses. <i>European Journal of Immunology</i> , 2010 , 40, 449-59	6.1	9
29	Infectious clones of the crinivirus cucurbit chlorotic yellows virus are competent for plant systemic infection and vector transmission. <i>Journal of General Virology</i> , 2016 , 97, 1458-1461	4.9	9
28	Modified Canaloplasty: A New, Effective, and Safe Option for Glaucoma Patients With a Disrupted Schlemm Canal Wall. <i>Journal of Glaucoma</i> , 2016 , 25, 798-801	2.1	9
27	Comparative effectiveness of combined therapy inhibiting EGFR and VEGF pathways in patients with advanced non-small-cell lung cancer: a meta-analysis of 16 phase II/III randomized trials. <i>Oncotarget</i> , 2017 , 8, 7014-7024	3.3	8

26	Pulsed high-dose dexamethasone modulates Th1-/Th2-chemokine imbalance in immune thrombocytopenia. <i>Journal of Translational Medicine</i> , 2016 , 14, 301	8.5	8
25	Precise Spatiotemporal Interruption of Regulatory T-cell-Mediated CD8 T-cell Suppression Leads to Tumor Immunity. <i>Cancer Research</i> , 2019 , 79, 585-597	10.1	8
24	One-year interim comparison of canaloplasty in primary open-angle glaucoma following failed filtering surgery with primary canaloplasty. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1692-1696	5.5	7
23	Dlg1 Maintains Dendritic Cell Function by Securing Voltage-Gated K Channel Integrity. <i>Journal of Immunology</i> , 2019 , 202, 3187-3197	5.3	6
22	Induced Regulatory T Cells Superimpose Their Suppressive Capacity with Effector T Cells in Lymph Nodes Antigen-Specific S1p1-Dependent Egress Blockage. <i>Frontiers in Immunology</i> , 2017 , 8, 663	8.4	6
21	Comparison of the Wells score with the revised Geneva score for assessing pretest probability of pulmonary embolism in hospitalized elderly patients. <i>European Journal of Internal Medicine</i> , 2016 , 36, e18-e19	3.9	6
20	Therapeutic (high) doses of rituximab activate calcium mobilization and inhibit B-cell growth via an unusual mechanism triggered independently of both CD20 and Fcγ receptors. <i>Journal of Immunotherapy</i> , 2010 , 33, 30-9	5	5
19	Functional analysis of PI-like gene in relation to flower development from bamboo (<i>Bambusa oldhamii</i>). <i>Journal of Genetics</i> , 2016 , 95, 71-8	1.2	4
18	Evaluation of follicular synchronization caused by estrogen administration and its reproductive outcome. <i>PLoS ONE</i> , 2015 , 10, e0127595	3.7	4
17	Adenosine primes resting stage dendritic cells before their activation. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 748-51	3.4	4
16	Over-Expression of the Mycobacterial Trehalose-Phosphate Phosphatase OtsB2 Results in a Defect in Macrophage Phagocytosis Associated with Increased Mycobacterial-Macrophage Adhesion. <i>Frontiers in Microbiology</i> , 2016 , 7, 1754	5.7	4
15	Discovery and Preclinical Evaluation of BMS-711939, an Oxybenzylglycine Based PPAR δ Selective Agonist. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 590-4	4.3	4
14	Concurrent copy number variations on chromosome 8 and 22 combined with mutation at FGA locus revealed in a parentage testing case. <i>Forensic Science International: Genetics</i> , 2015 , 19, 81-85	4.3	3
13	AtPID: a genome-scale resource for genotype-phenotype associations in Arabidopsis. <i>Nucleic Acids Research</i> , 2017 , 45, D1060-D1063	20.1	3
12	Systematic Overview of Solid Particles and Their Host Responses. <i>Frontiers in Immunology</i> , 2018 , 9, 11578.4		3
11	Two proteins of Cucurbit chlorotic yellows virus, P59 and P9, are self-interacting. <i>Virus Genes</i> , 2015 , 51, 152-5	2.3	3
10	Contact-dependent delivery of IL-2 by dendritic cells to CD4 T cells in the contraction phase promotes their long-term survival. <i>Protein and Cell</i> , 2020 , 11, 108-123	7.2	3
9	Disruption of key GTPase regulators of endocytic recycling compartment does not interfere with soluble antigen crosspresentation in dendritic cells. <i>Cellular and Molecular Immunology</i> , 2016 , 13, 554-6	15.4	2

8	Immune Complex Vaccination. <i>Current Topics in Microbiology and Immunology</i> , 2019 , 423, 95-118	3.3	2
7	Infralimbic Endothelin1 Is Critical for the Modulation of Anxiety-Like Behaviors. <i>Molecular Neurobiology</i> , 2016 , 53, 2054-2064	6.2	2
6	Toward a Membrane-Centric Biology. <i>Frontiers in Immunology</i> , 2020 , 11, 1909	8.4	2
5	Efficient link scheduling with joint power control and successive interference cancellation in wireless networks. <i>Science China Information Sciences</i> , 2016 , 59, 1	3.4	2
4	Intracellular Potassium Ion Measurements by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).. <i>Methods in Molecular Biology</i> , 2022 , 2459, 85-92	1.4	2
3	Other Modern Methods for Studying Biomembranes 2018 , 393-421		
2	-(3-Oxododecanoyl) Homoserine Lactone Is a Generalizable Plasma Membrane Lipid-Ordered Domain Modifier.. <i>Frontiers in Physiology</i> , 2021 , 12, 758458	4.6	
1	Detection of artificial musk in Xihuangwan by gas chromatography-mass spectrometry. <i>Zhongguo Yi Xue Ke Xue Yuan Xue Bao Acta Academiae Medicinae Sinicae</i> , 2014 , 36, 591-8	0.9	